

CLAIMS

1. A dispersion comprising a thermoplastic polymer, a phthalate ester of a C<sub>1</sub>-C<sub>6</sub> alkylated aromatic alcohol, a surfactant and further comprising one or more components selected from the group consisting of:
  - 5 a metal carbonate
  - a white metal oxide,
  - an alkaline earth metal salt of a C<sub>9</sub>-C<sub>20</sub> aliphatic fatty acid,
  - a solvent,
  - a rust inhibitor, and
  - 10 a lower alkyl methacrylate polymer.
2. The dispersion of claim 1 wherein the lower alkyl methacrylate polymer is an ethyl methacrylate polymer.
3. The dispersion of claim 1 comprising a thermoplastic polymer, a phthalate ester of a C<sub>1</sub>-C<sub>6</sub> alkylated aromatic alcohol, a metal carbonate, a white metal  
15 oxide pigment, an alkaline earth metal salt of a C<sub>9</sub>-C<sub>20</sub> aliphatic fatty acid, a lower alkyl methacrylate polymer, a surfactant and a solvent.
4. The dispersion of claim 1 comprising a thermoplastic polymer, a phthalate ester of a C<sub>1</sub>-C<sub>6</sub> alkylated aromatic alcohol, a white metal oxide pigment, a surfactant, and a solvent.
- 20 5. The dispersion of claim 1 further comprising a thermoplastic polymer, a phthalate ester of a C<sub>1</sub>-C<sub>6</sub> alkylated aromatic alcohol, a metal carbonate, a white metal oxide, an alkaline earth metal salt of a C<sub>9</sub>-C<sub>20</sub> aliphatic fatty acid, a lower alkyl methacrylate polymer, a surfactant, a solvent and a rust inhibitor.
6. The dispersion of Claim 1 in a solid form.
- 25 7. The dispersion of Claim 6 in a granulated form.
8. A primer comprising the dispersion of claim 6 and a primer solvent.
9. The primer according to claim 8 further comprising a component selected from the group consisting of: a lower alkyl methacrylate polymer, a C<sub>1</sub>-C<sub>6</sub> ketone, a C<sub>1</sub>-C<sub>6</sub> ester, a phthalate ester of a C<sub>1</sub>-C<sub>6</sub> alkylated aromatic alcohol, a  
30 halogenated polyolefin, and a polymeric plasticizer.

10. The primer of claim 8 further comprising a component selected from the group consisting of: an alcohol, a thermoplastic polymer, a polyhydroxy magnesium silicate derivate, and a silicon dioxide powder.
11. A primer comprising a primer solvent, a lower alkyl methacrylate polymer, a C<sub>1</sub>-C<sub>6</sub> ketone, a C<sub>1</sub>-C<sub>6</sub> ester, a phthalate ester of a C<sub>1</sub>-C<sub>6</sub> alkylated aromatic alcohol, a polymeric plasticizer, a halogenated polyolefin, the dispersion of claim 3, and the dispersion of claim 4.
12. A primer comprising a primer solvent, a lower alkyl methacrylate polymer, a C<sub>1</sub>-C<sub>6</sub> ketone, a C<sub>1</sub>-C<sub>6</sub> ester, a phthalate ester of a C<sub>1</sub>-C<sub>6</sub> alkylated aromatic alcohol, a polymeric plasticizer, a halogenated polyolefin, the dispersion of claim 3, the dispersion of claim 4, and the dispersion of claim 5.
13. A primer comprising a primer solvent, a lower alkyl methacrylate polymer, a C<sub>1</sub>-C<sub>6</sub> ketone, a C<sub>1</sub>-C<sub>6</sub> ester, a phthalate ester of a C<sub>1</sub>-C<sub>6</sub> alkylated aromatic alcohol, an alcohol, a thermoplastic polymer, a polyhydroxy magnesium silicate derivate, a silicon dioxide powder, a polymeric plasticizer, a halogenated polyolefin, the dispersion of claim 3, and the dispersion of claim 4.
14. An adhesion promoter comprising an aromatic hydrocarbon, a co-polymer of a C<sub>2</sub>-C<sub>6</sub> alkene and a vinyl ester and a chlorinated polyolefin.
15. A method of manufacturing a primer including the steps of:
- 20 mixing a first primer solution in a first vessel;  
mixing a second primer solution comprising the dispersion of claim 6 in a second vessel,;  
mixing the first primer solution and the second primer solution together to form the primer.
- 25 16. A method of manufacturing a primer comprising:
- mixing a first primer solution comprising a primer solvent and a lower alkyl methacrylate polymer;  
mixing a second primer solution comprising a C<sub>1</sub>-C<sub>6</sub> ketone, a C<sub>1</sub>-C<sub>6</sub> ester, a phthalate ester of a C<sub>1</sub>-C<sub>6</sub> alkylated aromatic alcohol, and the dispersion of claim 1; and
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mixing the first primer solution and the second primer solution together with a C<sub>1</sub>-C<sub>6</sub> ester, a C<sub>1</sub>-C<sub>6</sub> ketone, a primer solvent, a polymeric plasticizer, and a halogenated polyolefin to form the primer.

5 17. The method of manufacturing a primer of claim 16 wherein the second primer solution comprises the dispersion of claim 3, and the dispersion of claim 4.

18. The method manufacturing the primer of claim 16 wherein the second primer solution comprises the dispersion of claim 3, the dispersion of claim 4 and the dispersion of claim 5.

10 19. A method for coating a surface of an article comprising:  
coating the surface with the adhesion promoter of claim 14; and  
coating the surface with the primer of claim 6.

20. An article coated with the primer of claim 8.